

REMARKS

Claims 2, 4, 13-16 and 21-24 are pending in this application. By this Amendment, claims 2 and 21 are amended and claims 18-20 are canceled without prejudice or disclaimer. Various amendments are made for clarity and are unrelated to issues of patentability.

The Office Action rejects claims 2, 4, 13-16 and 18-19 under 35 U.S.C. §102(e) by U.S. Patent 6,437,836 to Huang et al. (hereafter Huang). The Office Action also rejects claim 20 under 35 U.S.C. §103(a) over Huang. Still further, the Office Action rejects claims 21-24 under 35 U.S.C. §103(a) over Huang in view of U.S. Patent 6,791,467 to Ben-Ze'ev. The rejections are respectfully traversed with respect to the pending claims.

Independent claim 2 recites a communication module configured to communicate over the Internet with a device, which is configured to operate an Internet site, wherein the communication module receives remote controller information for at least one of a plurality of electronic apparatuses over the Internet from the device, said remote controller information including remote controller code information and function information for a selected one of the plurality of electronic apparatuses. Independent claim 2 also recites a storage device and a display unit including an image process circuit and a display window, said display unit displaying various remote controller function keys and a list of the plurality of electronic apparatuses, wherein the list of the plurality of electronic apparatuses includes apparatuses from different manufacturers, different kinds of apparatuses or different models of apparatuses. Independent claim 2 also recites that the remote controller transmits an infrared signal corresponding to a key input by a user, wherein the user selects an item from the displayed list of the plurality of

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electronic apparatuses and the communication module communicates with the device to receive the remote controller information corresponding to the selected item from the list.

The applied references do not teach or suggest at least these features of independent claim 2. More specifically, Huang does not teach or suggest a list of a plurality of electronic apparatuses, wherein the list of the plurality of electronic apparatuses includes apparatuses from different manufacturers, different kinds of apparatuses or different models of apparatuses. The Office Action (on page 6) states that Huang does not teach or suggest these features. The Office Action then relies on Ben-Ze'ev's col. 15, lines 5-24 for these features. However, the cited section of Ben-Ze'ev merely states that a remote controller may download files of old appliances from the internet or any other database. However, Ben-Ze'ev does not teach or suggest that a list of a plurality of electronic apparatuses (including apparatuses from different manufacturers, kinds of apparatuses or different models of apparatuses) are displayed at a remote controller. Furthermore, Ben-Ze'ev does not teach or suggest that the user selects an item from the displayed list of the plurality of electronic apparatuses and the communication module communicates with the device to receive the remote controller information corresponding to the selected item from this list. Huang does not teach or suggest these features.

For at least the reasons set forth above, Huang and Ben-Ze'ev do not teach or suggest all the features of independent claim 2. Thus, independent claim 2 defines patentable subject matter.

Independent claim 21 recites a communication device to communicate with a server or a computer over the Internet, the communication device to receive remote controller information

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for at least one of a plurality of electronic apparatuses over the Internet from the server or the computer, said remote controller information including remote controller code information and function information for a selected one of the plurality of electronic apparatuses. Independent claim 21 also recites a storage device and a display unit including a display window to display various remote controller function keys and a list of the plurality of electronic apparatuses, wherein the list of the plurality of electronic apparatuses includes apparatuses from different manufacturers, different kinds of apparatuses or different models of apparatuses. Independent claim 21 also recites the list of the plurality of electronic apparatuses includes apparatuses from different manufacturers, different kinds of apparatuses or different models of apparatuses, wherein when the user selects an apparatus from the displayed list of the plurality of electronic apparatuses, the communication device communicates with the server or the computer to receive the remote controller information related to the selected apparatus. Still further, independent claim 21 recites that the remote controller transmits an infrared signal corresponding to a key input by a user for the selected apparatus.

For at least similar reasons as set forth above, the applied references do not teach or suggest at least these features of independent claim 21. Thus, independent claim 21 defines patentable subject matter.

For at least the reasons set forth above, each of independent claims 2 and 21 defines patentable subject matter. Each of the dependent claims depends from one of the independent claims and therefore defines patentable subject matter at least for this reason. In addition, the

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dependent claims recite features that further and independently distinguish over the applied references.

CONCLUSION

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of claims 2, 4, 13-16 and 21-24 are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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